1	2	3	4	5
Madhya Pradesh/ Chhattisgarh	441	407	379	335
Orissa	346	424	358	303
Rajasthan	508	501	445	388
Uttar Pradesh/Uttaranchal	606	539	517	440
Andhra Pradesh	197	220	195	154
Karnataka	245	266	228	213
Kerala	150	149	110	95
Tamil Nadu	131	167	134	111
Gujarat	46	202	172	160
Haryana	136	176	162	186
Maharashtra	166	169	149	130
Punjab	280	177	178	192
West Bengal	303	218	194	141
Others	—	276	235	206

*: Includes Others

(Source: RGI, (SRS), 1997-98, 1999-'01, 2001-'03, 2004-'06)

Cultivation and production of medicinal plants

1324. DR. GYAN PRAKASH PILANIA:
SHRI LALIT KISHORE CHATURVEDI:

Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) the statistics of cultivation and production of medicinal plants; particularly Senna (Sonmukhi), Isabgol, Ashwgandha and Amla, in Rajasthan, during the last three years;

(b) the average yield per hectare of each crop, in Rajasthan year-wise, and how does it compare with best yield performance in the country;

(c) whether there is abnormal fluctuation in yield, and the reasons therefor;

(d) the average income to the farmer, per hectare, year-wise, for each crop and whether it could be termed 'remunerative';

(e) whether it is not desirable to fix Minimum Support Price (MSP) to boost their production; and

(f) the steps Government is contemplating to address the availability of Quality Planting Material and Marketing of the produce, which are the main problem areas for the farmer?

THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY WELFARE (SHRI S. GANDHISELVAN): (a) The statistics of cultivation and production of medicinal plants particularly Senna, Isabgol, Ashwagandha and Amla in Rajasthan, during last three years as informed by the State Government is reproduced below:-

Area in hectares

Production in Metric Tonnes

Sl. No.	Name of Medicinal plant	2006-07		2007-08		2008-09 (Provisional)	
		Area	Production	Area	Production	Area	Production
1.	Senna (Sonmukhi)	5729	3043	8356	1564	10518	2589
2.	Isabgol	158035	42929	136277	49130	160544	68871
3.	Ashwagandha	2801	243	3660	2764	6618	3907
3.	Amla	1397	11160	1730	13275	1705	21316

(b) As per available reports the average yield of the above mentioned crops per hectare and per year in Rajasthan is as follows:-

Average yield in kg/ha.

Sl. No.	Name of medicinal plant	Year 2006-07	Year 2007-08	Year 2008-09
1.	Senna (Sonmukhi)	531	187	246
2.	Isabgol	272	361	429
3.	Ashwagandha	87	755	590
4.	Amla	7988	7673	12500

Since cultivation of medicinal plants is a new activity, national level comparison is not possible at the moment. However, agro climatic conditions of Rajasthan are considered suitable for better yield of Isabgol and Senna. Madhya Pradesh, Chhattisgarh and Uttar Pradesh are considered suitable for cultivation of Ashwagandha and Amla yield-wise.

(c) No. However, there are fluctuations in the average production of all crops including medicinal plants due to different climatic reasons such as erratic rain fall, winter frost, drought and non availability of sufficient ground water etc.

(d) The average income to the farmer per hectare / year wise for the referred crop is as follows:-

Average income per hectare in Rs.

Sl. No.	Name of medicinal plant	Year 2006-07	Year 2007-08	Year 2008-09
1.	Senna (Sonmukhi)	6547	2300	4354
2.	Isabgol	7423	13783	19888
3.	Ashwagandha	7830	134956	123163
4.	Amla	40819	35066	72250

The average income of the farmer varies in different agro climatic zones. Present cost benefit ratio for the medicinal plants referred to above is favorable, though erratic monsoonic rainfall etc. sometimes makes the cultivation unremunerative.

(e) Fixing of Minimum Support Price (MSP) for these plants is not under consideration at this stage.

(f) Government is implementing a "Centrally Sponsored Scheme of National Mission on Medicinal Plants" with a total outlay of Rs. 630 crores during the Eleventh Plan. The scheme seeks to promote cultivation of medicinal plants in clusters by organizing growers into Self Help Group, Cooperatives with linkages to nurseries for quality planting material, post harvest management, quality certification and marketing.

Manufacturing of spurious blood

†1325. SHRI OM PRAKASH MATHUR: Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) the number of cases officially registered in regard to the preparation of blood in the country during last two months;

(b) the action taken against the people engaged in preparing of animal blood to be used for human beings; and

(c) the steps to be taken by Government to deal with such acts in future?

THE MINISTER OF HEALTH AND FAMILY WELFARE (SHRI GHULAM NABI AZAD): (a) and (b) As per report received from Drugs Controller General (India), two cases of Blood Banks storing blood not of standard quality have been detected by the Government of Uttar Pradesh in Kanpur and Lucknow area during the last two months. The license of M/s Umrai Hospital and Blood Bank, Ashiana Blood Bank, Lucknow has been cancelled, while license of M/s C.L. Memorial Hospital, Kanpur has been suspended.

†Original notice of the question was received in Hindi.